| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |
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| Application. | /Control N | ١o. |
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Applicant(s)/Patent under Reexamination

09/942,932 Examiner

OTSU, TAMICHI Art Unit

Duyen M. Doan

2143

| <b>√</b> | Rejected |
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| II       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla             | im        |          |                 |   | Ī        | Date         | е            | _        | ,        |              |   | Cla   | im        |   |          |           |   | כ |
|-----------------|-----------|----------|-----------------|---|----------|--------------|--------------|----------|----------|--------------|---|-------|-----------|---|----------|-----------|---|---|
| Final           | ·Original | 12/22/05 |                 |   |          |              |              |          |          |              |   | Final | Original  |   |          |           |   |   |
|                 | 1         | 1        |                 |   |          |              |              |          |          |              |   |       | 51        |   |          |           |   | Ī |
|                 | 2         | √        |                 |   |          |              |              |          |          |              |   |       | 52        |   |          |           |   |   |
|                 | 3         | 4        |                 |   |          |              |              |          |          |              |   |       | 53        |   |          |           |   |   |
|                 | 4         | 7        | Ш               |   |          |              |              |          |          |              |   |       | 54        |   |          |           |   | L |
|                 | 5         | 1        |                 |   |          |              |              | _        |          |              |   |       | 55        |   |          |           |   | L |
|                 | 6         | √        |                 |   |          |              |              |          |          | L_           |   |       | 56        |   |          |           |   | L |
|                 | 7         | 1        |                 |   |          |              |              |          |          |              |   |       | 57        |   |          |           |   | L |
|                 | 8         | 1        |                 |   |          |              |              |          |          | L            | [ |       | 58        |   |          |           |   | L |
|                 | 9         | 1        |                 |   |          |              | <u> </u>     |          |          |              |   |       | 59        |   |          |           |   | L |
|                 | 10        | 4        |                 |   |          |              |              | _        |          | L            |   |       | 60        |   |          |           |   | L |
|                 | 11        | ۷.       | Ш               |   |          |              |              |          |          |              |   |       | 61        |   |          |           |   | L |
|                 | 12        | √        |                 |   |          | L            |              |          |          |              |   |       | 62        |   |          |           |   | L |
|                 | 13        | 4        |                 |   |          |              |              |          | L.       |              |   |       | 63        | <u> </u>  |          |           |   | L |
|                 | 14        | 4        |                 |   |          | <u> </u>     | Ш            |          | L        |              |   |       | 64        |   |          |           |   | L |
|                 | 15        | 4        | Щ               |   |          | _            | <u> </u>     |          | <u> </u> |              |   |       | 65        |   |          |           |   | L |
|                 | 16        | 4        | Ш               |   |          |              | L            |          |          |              |   |       | 66        | _   |          |           |   | L |
|                 | 17        | 4        |                 |   |          | _            | <u> </u>     |          |          |              |   |       | 67        | _   |          |           |   | L |
|                 | 18        | 4        |                 |   |          | L            | <u> </u>     |          |          |              |   |       | 68        | $ldsymbol{ld}}}}}}$ |          |           |   | L |
|                 | 19        | 4        | Ш               |   |          | <u> </u>     | _            | _        |          | $oxed{oxed}$ |   |       | 69        |   |          |           |   | L |
|                 | 20        | 4        | Ш               |   |          | <u> </u>     |              |          | _        |              |   |       | 70        | $oxed{oxed}$  |          |           |   | L |
|                 | 21        | 1        |                 |   |          | _            | <u> </u>     |          | <u> </u> | _            |   |       | 71        | oxdot   |          |           |   | L |
|                 | 22        | 4        |                 |   |          |              |              |          |          |              |   |       | 72        |   |          |           |   | Ļ |
|                 | 23        | 4        |                 |   |          |              |              |          | _        |              |   |       | 73        | $oxed{oxed}$  | $\Box$   |           |   | L |
|                 | 24        | 1        | Ш               |   |          | <u> </u>     | L            |          | _        |              |   |       | 74        | $oxed{oxed}$  |          |           |   | L |
|                 | 25        | √.       | Щ               |   | _        | <u> </u>     |              |          |          | _            |   |       | 75        | L_  |          |           |   | L |
| <u></u>         | 26        | <b>√</b> | Ш               |   | _        | <u> </u>     | Щ            |          | <u> </u> |              |   |       | 76        | $oxed{oxed}$  |          |           |   | L |
|                 | 27        |          |                 |   |          | <u> </u>     |              |          | <u> </u> |              |   |       | 77        |   |          |           |   | ŀ |
| $\vdash$        | 28        | 7        |                 |   | _        |              |              |          | ļ        |              |   |       | 78        |   | -        |           |   | H |
|                 | 29        | 7        |                 |   |          | <u> </u>     |              | _        | _        | _            |   |       | 79        | <u> </u>  | -        |           |   | ŀ |
| <u> </u>        | 30        | 1        | Ш               |   |          | <u> </u>     | _            | _        | <u> </u> | _            |   |       | 80        | $\vdash$  |          |           |   | H |
|                 | 31        | /~       |                 |   |          | ļ            |              |          | $\vdash$ | _            |   |       | 81        | <u> </u>  |          |           |   | L |
|                 | 32        | 7        |                 |   |          | _            |              |          | $\vdash$ | _            |   |       | 82        | $\vdash$  |          |           | _ | H |
|                 | 33        |          | Н               |   | _        |              |              |          | _        |              |   |       | 83        | _   |          |           |   | ŀ |
| $\vdash$        | 34        | $\vdash$ | dash            |   | <u> </u> | <u> </u>     | $\vdash$     | <u> </u> | -        | <u> </u>     |   |       | 84        | <u> </u>  |          | $\square$ |   | H |
| $\vdash$        | 35        | $\vdash$ | $\vdash \vdash$ |   | <u> </u> |              | H            | L        | -        |              |   |       | 85        | $\vdash$  |          |           |   | H |
| $\vdash$        | 36        | Щ        | dash            |   | _        | <u> </u>     | Ь.           | L        | $\vdash$ | _            |   |       | 86        | $\vdash$  | $\vdash$ |           |   | ŀ |
| $\vdash$        | 37        | $\vdash$ | $\sqcup$        |   | <u> </u> | <u> </u>     | Ш            | L        | <u> </u> | $\vdash$     |   |       | 87        | $\vdash$  |          |           | _ | H |
| <u> </u>        | 38        |          | $\vdash \vdash$ |   | <u> </u> | <u> </u>     | <u> </u>     | <u> </u> | $\vdash$ | <u> </u>     |   |       | 88        | <u> </u>  |          |           |   | H |
| $\vdash$        | 39        | $\vdash$ | $\vdash \vdash$ |   | <u> </u> | <u> </u>     | H            | ļ        | <u> </u> | _            |   |       | 89        | $\vdash$  | -        | $\vdash$  |   | H |
| <u> </u>        | 40        |          | Н               |   | <u> </u> | <del> </del> |              | $\vdash$ | <u> </u> | -            |   |       | 90        | $\vdash$  | Н        |           |   | H |
| $\vdash$        | 41        | -        |                 |   | <u> </u> | <del> </del> | <u> </u>     | <u> </u> | -        | $\vdash$     |   |       | 91        | <u> </u>  | $\vdash$ | $\vdash$  |   | H |
| $\vdash$        | 42        | $\vdash$ | $\vdash$        |   | $\vdash$ | <u> </u>     |              |          | -        |              |   |       | 92        | -   | -        |           | _ | H |
|                 | 43        | Н        | $\vdash \vdash$ |   |          |              | <u> </u>     | <u> </u> | <u> </u> |              |   |       | 93        | $\vdash$  | Н        | -         |   | ŀ |
| $\vdash$        | 44        | <u> </u> | $\vdash \dashv$ |   | _        | $\vdash$     |              |          | $\vdash$ | $\vdash$     |   |       | 94<br>95  | $\vdash$  | Н        |           |   | H |
| $\vdash$        | 45        | $\vdash$ | $\vdash\vdash$  |   | <u> </u> | $\vdash$     | $\vdash$     | <u> </u> |          | $\vdash$     |   |       |           | $\vdash$  | Н        |           | _ | H |
|                 | 46        | $\vdash$ | $\vdash\vdash$  |   | <u> </u> | $\vdash$     | <u> — </u>   | _        | $\vdash$ | -            |   |       | 96        | $\vdash$  |          |           |   | ۲ |
| <u> </u>        | 47        | $\vdash$ | Н               |   | _        | $\vdash$     | <del> </del> |          |          | <u> </u>     |   |       | 97        | $\vdash$  | Н        | _         | _ | H |
| $\vdash \vdash$ | 48        | $\vdash$ | $\vdash \vdash$ | _ | _        | <del> </del> | <u> </u>     |          | $\vdash$ | H            |   |       | 98        | $\vdash$  | H        |           |   | H |
| $\vdash$        | 49        |          |                 |   | <u> </u> | ├            | ├            | <u> </u> | $\vdash$ | <b> </b>     |   |       | 99<br>100 | H   | H        |           | _ | H |
| <u> </u>        | 50        | l        | L               |   |          |              | <u> </u>     | <u> </u> | L        | L            | J |       | 100       | Щ.  | L        |           |   | L |

| Cla      | aim      | Ι            | Date         |          |          |   |   |          |              |  |  |
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|          |          |              |              |          |          |   |   |          |              |  |  |
| Final    | Original |              |              |          |          |   |   |          |              |  |  |
|          | 51       |              |              |          |          |   |   |          |              |  |  |
|          | 52       |              |              |          |          |   |   |          |              |  |  |
|          | 53       |              |              |          |          |   |   |          |              |  |  |
|          | 54       |              |              |          |          |   |   |          |              |  |  |
|          | 54<br>55 |              |              |          |          | - |   |          |              |  |  |
|          | 56       |              |              |          |          |   |   |          |              |  |  |
|          | 57       |              |              |          |          |   |   |          |              |  |  |
|          | 58       |              |              |          |          |   |   |          |              |  |  |
|          | 59       |              |              |          |          |   |   |          |              |  |  |
|          | 60       |              |              |          |          |   |   |          |              |  |  |
|          | 61       |              |              |          |          |   |   |          |              |  |  |
|          | 62       |              |              |          |          |   |   |          |              |  |  |
|          | 63       |              |              |          |          |   |   |          |              |  |  |
|          | 64       |              |              |          |          |   |   |          |              |  |  |
|          | 65       |              |              |          | П        |   |   |          |              |  |  |
|          | 66       |              |              |          |          |   |   |          |              |  |  |
|          | 67       |              |              |          |          |   |   |          |              |  |  |
|          | 68       |              |              |          |          |   |   |          |              |  |  |
|          | 69       |              |              |          |          |   |   |          |              |  |  |
|          | 70       |              |              |          |          |   |   |          |              |  |  |
|          | 71       |              |              |          |          |   |   |          |              |  |  |
|          | 72       |              |              |          |          |   |   |          |              |  |  |
|          | 73       |              |              |          |          |   |   |          |              |  |  |
|          | 74       | $oxed{oxed}$ |              |          |          |   |   |          |              |  |  |
|          | 75       | L_           |              |          |          |   |   | <u> </u> |              |  |  |
|          | 76<br>77 | $oxed{oxed}$ |              |          |          | _ | _ |          | _            |  |  |
|          | 77       |              | _            |          |          |   |   |          | _            |  |  |
| <u> </u> | 78       |              |              |          |          |   | _ |          |              |  |  |
| _        | 79       | <u> </u>     | _            | _        |          |   | _ |          |              |  |  |
|          | 80       | <u> </u>     |              |          |          |   | _ |          |              |  |  |
| <b>—</b> | 81       | <u> </u>     |              |          |          |   | _ |          |              |  |  |
|          | 82       | H            | -            |          |          |   |   | $\vdash$ | _            |  |  |
| <u> </u> | 83<br>84 |              | $\vdash$     | $\vdash$ |          | - | - |          | <u> </u>     |  |  |
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| -        | 86<br>87 | $\vdash$     | $\vdash$     |          |          | - | Н |          | <del>-</del> |  |  |
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|          | 89       |              | -            |          |          |   |   |          | -            |  |  |
| -        | 90       | -            | _            | _        |          |   |   |          |              |  |  |
|          | 91       | Г            |              |          |          |   |   |          | _            |  |  |
|          | 92       |              |              |          |          |   |   |          |              |  |  |
|          | 93       |              |              |          | $\Box$   |   |   |          |              |  |  |
|          | 94       |              |              |          |          |   |   |          |              |  |  |
|          | 95       |              |              |          |          |   |   |          |              |  |  |
|          | 96       |              |              |          |          |   |   |          |              |  |  |
|          | 97       |              |              |          |          |   |   |          |              |  |  |
|          | 98       | Ш            |              | L_       |          |   |   |          | Ш            |  |  |
|          | 99       | Ш            | L            | L        |          |   |   | Ш        |              |  |  |

| Cla   |            |          |                |              | Date         | e              |              |          |          |                 |
|-------|------------|----------|----------------|--------------|--------------|----------------|--------------|----------|----------|-----------------|
|       |            |          | Γ              | Г            |              |                |              |          |          |                 |
| Final | Original   |          |                |              |              |                |              |          |          |                 |
|       |            |          |                | <u> </u>     | <u> </u>     |                | L            |          |          |                 |
|       | 101        |          | _              | 1            | <u> </u>     |                | <u> </u>     |          | -        | Н               |
|       | 102<br>103 |          | <del>  ,</del> |              | ┝            |                | ┝            | _        |          | $\dashv$        |
|       | 103        | _        | $\vdash$       | $\vdash$     | <del> </del> | _              | $\vdash$     |          | $\vdash$ | $\dashv$        |
|       | 105        |          | $\vdash$       | $\vdash$     | ┢            | _              | ┢            |          | $\vdash$ | $\dashv$        |
|       | 106        | _        |                |              |              |                | Г            |          |          |                 |
|       | 107        |          |                |              |              |                |              |          |          |                 |
|       | 108        |          | _              | L            | L            |                |              |          |          |                 |
|       | 109        |          |                | <u> </u>     | <u> </u>     | L,             |              |          | ļ        | Щ               |
|       | 110        |          |                | <u> </u>     | H            |                |              |          | -        | $\dashv$        |
|       | 111        | -        | -              | -            | ├-           |                | ┝            | _        | -        | $\dashv$        |
|       | 112<br>113 | $\vdash$ |                | H            | $\vdash$     | Н              | $\vdash$     | _        |          | $\vdash\vdash$  |
|       | 114        |          |                |              | $\vdash$     | Н              | $\vdash$     | _        |          | $\vdash$        |
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|       | 115<br>116 |          |                |              |              |                |              |          |          |                 |
|       | 117        |          |                |              | 匚            |                |              |          |          |                 |
|       | 118        |          |                |              |              |                |              |          | _        |                 |
|       | 119        |          | _              | _            | Ŀ            |                | ╙            |          |          | Щ               |
|       | 120        |          |                | <u> </u>     | <u> </u>     | ,              |              |          |          | Н               |
|       | 121<br>122 |          |                | ⊢            | ┢            |                |              |          |          | $\dashv$        |
|       | 122        |          | $\vdash$       | $\vdash$     | <del> </del> | _              | $\vdash$     | _        |          |                 |
|       | 123<br>124 |          | -              | 1            | Η,           |                | $\vdash$     |          | $\vdash$ | $\vdash$        |
|       | 125        |          | _              |              |              |                | _            |          |          |                 |
|       | 126<br>127 |          |                |              |              |                |              |          |          |                 |
|       | 127        |          |                |              |              |                |              |          |          |                 |
|       | 128        |          | L_             | L            |              |                | L            |          |          | Щ               |
|       | 129        |          | _              | _            | _            |                | _            |          |          | Щ               |
|       | 130        |          |                | _            | -            |                | <u> </u>     |          |          |                 |
|       | 131<br>132 | _        |                | _            | <del> </del> | ,              |              | _        | -        | Н               |
| -     | 133        |          | $\vdash$       | ,            | ┢            |                | <del> </del> |          | -        | Н               |
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|       | 135        | Н        | H              | H            | $\vdash$     | -              | $\vdash$     |          |          | Н               |
|       | 136        |          |                |              |              |                |              |          |          |                 |
|       | 137<br>138 |          |                |              |              |                |              |          |          |                 |
|       | 138        |          |                |              |              |                |              |          |          |                 |
|       | 139        | _        |                | _            | $\vdash$     |                | _            | _        | <u> </u> | Щ               |
|       | 140        | <u> </u> |                |              |              | <u> </u>       | _            | _        | $\vdash$ | $\vdash \vdash$ |
|       | 141<br>142 |          | $\vdash$       |              | <del> </del> | -              | <u> </u>     | -        | -        | $\vdash \vdash$ |
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| -     | 144        |          | $\vdash$       | -            |              |                |              | _        | -        | $\vdash \vdash$ |
|       | 145        | П        | Г              | Г            | T            |                |              |          |          | $\sqcap$        |
|       | 146        |          |                |              |              |                |              |          |          |                 |
|       | 147        |          |                |              | <u> </u>     |                |              | L        |          |                 |
|       | 148        |          | _              | <u> </u>     | <u> </u>     | L              | _            | L        | L        |                 |
|       | 149        | L.       | <u> </u>       |              | <u> </u>     | L              | <u> </u>     | <u> </u> | <u> </u> | Щ               |
| L     | 150        | <u> </u> | L              | L            | L            | L              | L            | <u> </u> | L        | Ш               |